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FORM PTO-1390 (REV. 12-2001) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371

ATTORNEY 'S DOCKET NUMBER: 716P008924US

U.S. APPLICATION NO. (If known, see 37 CFR 1.5): 10/070959

INTERNATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
PCT/US00/25015	13 September 2000	13 September 1999

TITLE OF INVENTION: KNOWLEDGE DATABASE SYSTEM AND METHOD

APPLICANT(S) FOR DO/EO/US: TAUFIQUE, Sohel

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. [X] This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. [ ] This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. [X] This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. [X] The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. [X] A copy of the International Application as filed (35 U.S.C. 371(c)(2))
   a. [ ] is attached hereto (required only if not communicated by the International Bureau).
   b. [ ] has been communicated by the International Bureau.
   c. [X] is not required, as the application was filed in the United States Receiving Office (RO/US).
6. [X] An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
   a. [ ] is attached hereto.
   b. [X] has been previously submitted under 35 U.S.C. 154(d)(4).
7. [X] Amendments to the claims of the International Aplication under PCT Article 19 (35 U.S.C. 371(c)(3))
   a. [ ] are attached hereto (required only if not communicated by the International Bureau).
   b. [ ] have been communicated by the International Bureau.
   c. [ ] have not been made; however, the time limit for making such amendments has NOT expired.
   d. [X] have not been made and will not be made.
8. [ ] An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. [X] An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. [ ] An English lanugage translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. [ ] An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. [ ] An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. [X] A FIRST preliminary amendment.
14. [ ] A SECOND or SUBSEQUENT preliminary amendment.
15. [ ] A substitute specification.
16. [ ] A change of power of attorney and/or address letter.
17. [ ] A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. [ ] A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. [ ] A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. [X] Other items or information: EXPRESS MAIL CERTIFICATE

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO	ATTORNEY'S DOCKET NUMBER
10/070959		

	CALCULATIONS PTO USE ONLY	
21. [X] The following fees are submitted:		
BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):		
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO **$1040.00**		
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO **$890.00**		
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO **$740.00**		
International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) **$710.00**		
International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) **$100.00**		
ENTER APPROPRIATE BASIC FEE AMOUNT =	$ 100	
Surcharge of **$130.00** for furnishing the oath or declaration later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(e)).	$	

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	20 - 20 =	0	x **$18.00**	$	
Independent claims	2 - 3 =	0	x **$84.00**	$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ **$280.00**	$	
TOTAL OF ABOVE CALCULATIONS =				$ 100	
[X] Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. +				$ 50	
SUBTOTAL =				$ 50	
Processing fee of **$130.00** for furnishing the English translation later than [ ] 20 [ ] 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				$	
TOTAL NATIONAL FEE =				$ 50	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). **$40.00** per property +				$	
TOTAL FEES ENCLOSED =				$ 50	
				Amount to be refunded:	$
				charged:	$

a. [X] A check in the amount of $ 50 to cover the above fees is enclosed.

b. [ ] Please charge my Deposit Account No. _____ in the amount of $ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.

c. [ ] The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.

d. [ ] Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

David Aker
23 Southern Road
Hartsdale, New York 10530
USA

David Aker
SIGNATURE

David Aker
NAME

29,277
REGISTRATION NUMBER

10/070959
JC13 Rec'd PCT/PTO 12 MAR 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: TAUFIQUE, Sohel

SERIAL NO.: US National stage filing of PCT/US00/25015

FILED: herewith

TITLE: KNOWLEDGE DATABASE SYSTEM AND METHOD

ATTORNEY DOCKET NO.: 716P008924US

Assistant Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to examination, please amend this application as follows:

IN THE SPECIFICATION:

Page 1, between the title and line 4, insert the following paragraph:

-- This application, filed under 35 U.S.C. 371, claims priority from International Patent Application PCT/US00/25015, filed on September 13, 2000, and published in English under PCT Article 21(2), which in turn claims priority from United States Provisional Patent Application Serial No. 60/153,565, filed on September 13, 1999. --

REMARKS

By amendment herein, the specification now includes the reference to the PCT application and the United States Provisional Application from which priority is claimed, as required by 37 C.F.R. 1.78.

Respectfully submitted,

David Aker

MARCH 12, 2002

David Aker, Reg. No. 29,277

23 Southern Road
Hartsdale, New York 10530
Tel No. 914 674 1094

Date

Certificate of Express Mailing Under 37 C.F.R. 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee in an envelope addressed to: Box PCT, Commissioner of Patents and Trademarks, Washington, D.C. 20231, on March 12, 2002 under express mail label no. EU159824288US.

MARCH 12, 2002
Date

David Aker
Name of Person Making Deposit

KNOWLEDGE DATABASE SYSTEM AND METHOD

BACKGROUND OF THE INVENTION

1. Field of the Invention

This invention relates to an improved method and apparatus for seeking, providing, and compensating individuals who request expert solutions, and those individuals who provide it. More particularly, it relates to a system and to a process in which an individual seeking a solution to an expert request can gain access to various levels of information through communication mediums, including but not limited to digital and analog networks, in which a knowledge exchange and transfer occurs.

2. Background of the Invention

The pervasiveness of technology and information has marginalized seemingly everything except original thought and human intuition. Scarcity, and, thus, value now resides in knowledge and expertise that makes information usable. While the growth of the Internet has drawn users at an unprecedented pace, the volume of information and lack of personalized services have made it increasingly difficult for individuals to find help when they need it, and for experts to easily and successfully provide the necessary solutions. People crave quick and easy access to expert guidance and help when life's situations seem too complex, things go wrong, and there's nowhere else to turn.

So far, individuals seeking expert solutions have been faced with the difficulty of not knowing how and where to seek out such expertise. What is needed is an easy way to receive qualified expert solutions at precisely the moment assistance is requested. Given the magnitude of this problem, experts are recognizing the need to provide a means by which current and potential knowledge seekers can more easily find immediate and relevant information.

While some forums and means of knowledge transfer exist, they are very often too difficult to locate, access, and use. They also provide little, if any, incentives, monetary or otherwise, for the continual exchange of knowledge, inquiries, and information.

A prior art solution which attempts to deal with some of the problems of matching experts and end users, managing communications between them, and assuring that the experts are paid for their services is United States Patent No. 5,862,223 (incorporated herein by reference). However, other than the hope of obtaining useful answers to a user's inquiry, there is no separate long term incentive for a user to use the system. Further, other than obtaining immediate payment for the work done in providing an answer or solution to the user's inquiry, there is no long term incentive for the expert to participate and give up his or her very valuable time to provide answers or solutions.

OBJECTS OF THE INVENTION

In view of the foregoing there is a need for an improved method and apparatus for seeking, providing, and compensating those individuals who need expert solutions, and those individuals who provide such solutions. This invention relates to such a method and such a system.

An object of this invention is to provide this process and an apparatus for implementing this process through various communications mediums, including, but not limited to digital and analog networks. Furthermore, this knowledge exchange and transfer may occur via live, real time, interfaces, as well as delayed and offline delivery mechanisms.

SUMMARY OF THE INVENTION

In accordance with the present invention, an improved method of seeking, providing, and compensating those individuals with expert requests, and those qualified experts who supply solutions is provided and detailed below. This process is equally suited to both the expert and the individual seeking the expertise by providing, in addition to the knowledge exchange, a pre-set value-based compensation and ongoing royalty mechanism to all parties involved.

Users are presented with a secure and easy-to-use interface to ask questions, directly and indirectly, to an expert who offers instant, delayed, and personalized answers and solutions that the user needs to get back into the action of work, business, recreation, or study.

Experts are presented with an opportunity to earn predetermined rates of compensation in exchange for providing solutions to individuals seeking expertise via various communication mediums, including, but not limited to digital and analog networks. The financial rewards generated by these solutions can continue to accumulate well after the conclusion of the original expert solution request. Based on the usefulness of the solution, experts can submit their solutions to a database and earn perpetual royalties based upon the number of times each answer is read, viewed, or accessed from this database and communicated by or to another user.

This ongoing royalty mechanism is also extended to individuals who are seeking expert solutions. These users are rewarded for asking questions and making solution requests that are added to the database and subsequently are helpful to others. Therefore, this process creates a system of incentives for the continual exchange and transfer of knowledge, inquiries, and information.

In accordance with the invention, a method and system is provided. The system provides expert solutions to end users seeking a solution to an end user request. The system may comprise receiving means for receiving an end user request generated by an end user, the receiving means having associated therewith a database for storing therein information relating to a plurality of experts, means for searching the database to select at least one expert and to generate a search result which corresponds to the end user request; means for transmitting at least a portion of the end user request to the expert; means

for receiving an expert answer corresponding to the end user request transmitted; means for transmitting at least a portion of the expert answer to the end user; means for storing the request and the solution in the database; and means for compensating the end user when a subsequent end user requests and receives the solution. The system may further comprise means for compensating the expert for providing the solution.

The system may further comprise means for an expert to submit a request previously received and a solution previously provided by said expert (even if not done in accordance with the invention); and means for entering the previously received request and the previously provided solution into the database. The system may further comprise means for compensating the expert who submitted the previously received request and the previously provided solution when a subsequent end user requests that solution. The expert may be compensated on a one-time basis, or each time a subsequent user of the system access the solution.

The system may be implemented on the Internet. Thus, the database is made available to users by a web server. It may include means for sending and receiving e-mail, which can be used to communicate with end users, experts, or both. The database may be a relational database.

BRIEF DESCRIPTION OF THE DRAWINGS

The foregoing aspects and other features of the present invention are explained in the following description, taken in connection with the accompanying drawings, wherein:

FIG. 1 is a flow diagram illustrating the steps involved in the method of the invention; and

FIG. 2 is a block diagram of a system used to implement the method of Fig 1.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Referring to FIG. 1, a flow diagram illustrating the method of the invention is shown. Initially, as represented by step 1, an individual enters the system. This system can include, but not be limited to, public networks such as the Internet and other digital and analog networks. This system can also include, but not be limited to, private networks, such as internal data, voice, video, radio, satellite, and cable networks.

As represented by step 2, the user is asked if he wants to request an expert solution. If the user answers No, then he may proceed to step 3 and exit the system. If he answers Yes, then he may proceed to step 4 in order to find an expert solution.

As represented by step 4, the individual is asked if he would like to use the query and search mechanisms of the

system database 30 in order to search for an existing expert solution. This request is made by the individual in order to view, read, or otherwise become aware of an answer and/or expert solution to a question and/or problem. As an example, a computer user may submit a question regarding a recurring error code that is preventing the user from printing a file.

Database 30 may be implemented by any one of a number of commercially available object oriented relational databases such as, for example, Oracle 8i.

As represented by step 5, if the user has answered No in step 4, the user is then asked if he would like to request a solution from a Live Expert.

As represented by step 6, if the user has answered No in step 5, the user is then asked if he would like to request a solution from an Expert who will produce a solution over a period of time.

As represented by step 7, if the user has answered Yes to the question stated above in step 4, the user then submits his request for an expert solution by submitting a query to database 30.

As represented by step 8, a response from the database 30 to the initial query or expert solution request is produced and displayed, announced, or otherwise made known to the individual making the request.

As represented by step 9, the user is asked if the database response has resolved the issue that prompted the user to request an expert solution.

As represented by step 10, if the user has answered "No" to the question posed in Step 9, the user is asked if he would like to repeat the process of searching the database 30 for an expert solution, typically by modifying the query.

If, as represented by step 11, the user has answered "Yes" to the question posed in Step 9, the database 30 is now updated with any additional information that might have been posed or provided to the user. This information can include, but is not limited to, comments, ratings, categorization, and suggestions. The Expert solution as well as the User's question, are both added to the database 30.

As represented by step 12, royalties are distributed to the Expert that provided, created, or authored the solution that was found in the database 30. The financial rewards generated by this solution can continue to accumulate well after the conclusion of the original expert solution request. Based on the usefulness of the solution, experts can submit their solutions to a database and earn royalties based upon the number of times each answer is read, viewed, or accessed from this database and communicated by or to another user.

As represented by step 13, royalties may be distributed to the User who first sought this particular Expert Solution from the Database, and therefore, provided a

link or match between the question and solution for future Users to utilize in their search queries. Thus, Users are rewarded for asking questions that result in new solution requests and answers to these requests or solutions being added to the database, which subsequently become helpful to other Users. Therefore, this process creates a system of incentives for the continual exchange and transfer of knowledge, inquiries, and information.

As represented by step 14, if the User has answered "Yes" to the question of whether or not to seek Live Expert Help as posed in Step 5, the user's Expert solution request is submitted to the Live Expert in the form of a query.

As represented by step 15, the Live Expert has found, created, or modified a solution as a response to the User's query. This response can be delivered to the User using technology that includes, but is not limited to, real time digital or analog communications interfaces and devices.

As represented by step 16, the User is asked whether or not the Live Expert's response has resolved the issue that prompted the user to request a Live Expert solution.

As represented by step 17, if the user has answered "No" to the question posed in Step 16, he is asked if he would like to repeat the process of submitting a query to a different Live Expert.

As represented by step 18, if the user has chosen to answer "No" to the question posed above in Step 17, the

user is entitled to a refund for any charges or fees incurred for Live Expert's services. However, even if the user is not satisfied with the answer, database 30 may still be updated, as represented by 11A, to facilitate tracking of which experts are successful in providing satisfactory solutions to user inquiries.

As represented by step 19, the user may now exit the system.

As represented by step 20, if the User has answered "yes" to the question posed in Step 16, then the Live Expert has indeed delivered a solution that has resolved the User's issue, and is rewarded by earning a commission for rendering such satisfactory services.

As represented by step 11, following Step 20, the database 30 is now updated with any additional information that might have been provided to or posed to the user. This information can include, but is not limited to, comments, ratings, categorization, and suggestions. The Expert solution as well as the User's question, are both added to the database 30.

As represented by step 21, if the user has answered "Yes" to the question posed in Step 6, he is asked if he would like to request an Expert Solution via Electronic mail.

As represented by step 22, if the user has answered "No" to the question posed in Step 21, he is asked whether or not he would like to request an Expert Solution via electronic forums that include, but are not limited to, bulletin boards.

As represented by step 23, if the user has answered "Yes" to the question stated above in step 22, the user then submits his request for an expert solution by submitting a query to one or more Experts via Electronic mail.

As represented by step 24, the Expert(s) has found, created, or modified a solution as a response to the User's query.

As represented by step 25, the response indicated in Step 24 is updated to a database either through manual or automatic systems or processes.

As represented by step 26, as a result of Steps 24 and 25, the User is notified using (but not limited to) electronic mail, instant relay chat, instant messaging, and analog and/or digital telephony systems, of an Expert Response and/or solution that has been updated to a Database and can be viewed, read, or otherwise accessed by the User.

As represented by step 27, if the user has answered "Yes" to the question posed in Step 22, the user submits a query to the Expert.

In the system illustrated in Fig. 2, the User has access via a public or private network, such as the Internet 50 and a router 52 by using a input terminal which may be a personal computer 40.

The User's Expert Solution Request is submitted via an interface, which may be, for example, an entry screen 41,

which is published or made available via, for example, a Web Server 42, whereby preliminary information is directly and/or indirectly inputted from the User regarding the problem or question that is in need of an Expert Solution.

A middleware server 43 can further collect, process, sort, or calculate any or all information that is submitted by use of entry screen 41.

The data that is output from middleware server 43 can be input into one of several possible database application servers 44 in the efforts of assigning, selecting, flagging, or otherwise locating data, tables, object, records, or files (45, 46, 47, 48, 49) in database 30 that may match the initial Expert Solution Request inputted by the User via entry screen 41. The resulting data output is then returned to the User by the reverse sequence of use of the elements represented in Fig. 2 and discussed above.

CLAIMS

What is claimed is:

1. A system for providing expert solutions to an end user seeking a solution to an end user request, comprising:

receiving means for receiving an end user request generated by an end user, the receiving means having associated therewith a database for storing therein information relating to a plurality of experts,

means for searching the database to select at least one expert and to generate a search result which corresponds to the end user request;

means for transmitting at least a portion of the end user request to the expert;

means for receiving an expert answer corresponding to the end user request transmitted;

means for transmitting at least a portion of the expert answer to the end user;

means for storing the request and the solution in the database; and

means for compensating the end user when a subsequent end user requests and receives the solution.

2. The system of Claim 1 further comprising:

means for an expert to submit a request previously received by that expert and a solution previously provided by said expert; and

means for entering the previously received request and the previously provided solution into the database.

3. The system of Claim 2 further comprising means for compensating the expert who submitted the previously received request and the previously provided solution when a subsequent end user requests that solution.

4. The system of Claim 1, further comprising means for compensating the expert for providing the solution.

5. The system of Claim 4 wherein the expert is compensated on a one time basis.

6. The system of Claim 4 wherein the expert is compensated each time a subsequent user of the system accesses the solution.

7. The system of Claim 1 implemented on the Internet, wherein the database is made available to users by a web server.

8. The system of Claim 1 further comprising means for sending and receiving e-mail.

9. The system of Claim 8 wherein the means for sending and receiving e-mail is used to communicate with end users, experts, or both.

10. The system of Claim 1 wherein the database is a relational database.

11. A method of providing communications between an expert and an end user seeking a solution to an end user request, comprising the steps of:

providing a database for storing therein information relating to a plurality of experts;

receiving an end user request from an end user;

searching the database to identifying experts who have qualifications which correspond to the end user request;

transmitting at least a portion of the end user request to at least one identified expert;

transmitting an expert solution, based on the end user request, to the end user;

storing the request and solution in a database; and

compensating the end user when a subsequent end user requests and receives the solution to the request.

12. The method of Claim 11 further comprising:

an expert submitting a request previously received by the expert and a solution previously provided by said expert; and

entering the previously received request and the previously provided solution into the database.

13. The method of Claim 12 further comprising compensating the expert who submitted the previously received request and the previously provided solution when a subsequent end user requests that solution.

14. The method of Claim 11, further comprising compensating the expert for providing the solution.

15. The method of Claim 14 wherein the expert is compensated on a one time basis.

16. The method of Claim 14 wherein the expert is compensated each time a subsequent user of the system accesses the solution.

17. The method of Claim 11 implemented on the Internet, wherein the database is made available to users by a web server.

18. The method of Claim 11 further comprising sending and receiving e-mail.

19. The method of Claim 18 wherein sending and receiving e-mail is used to communicate with end users, experts, or both.

20. The method of Claim 11 wherein the database is a relational database.

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(71) Applicant and
(72) Inventor: **TAUFIQUE, Sohel** [US/US]; Suite 10E, 2077 Center Avenue, Fort Lee, NJ 07024 (US).

(74) Agent: **AKER, David**; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06430 (US).

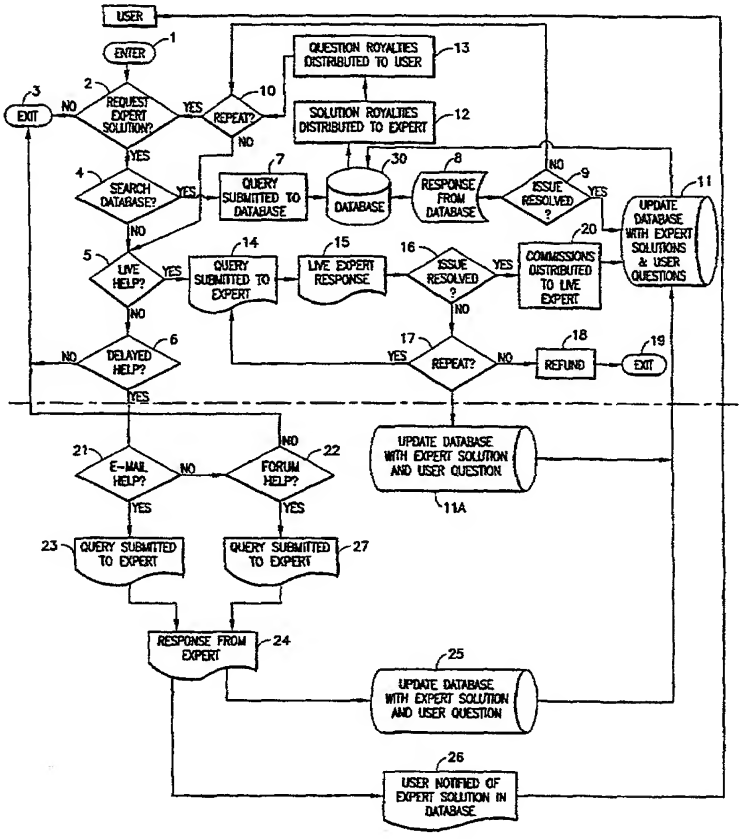
(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:
— *With international search report.*

[Continued on next page]

(54) Title: KNOWLEDGE DATABASE SYSTEM AND METHOD



(57) Abstract: A system and method for providing communications between an expert and an end user seeking a solution to an end user request. A database for storing therein information relating to a plurality of experts is provided. An end user request is received from an end user (2). The database is searched to identify experts who have qualifications which correspond to the end user request (4). At least a portion of the end user request is transmitted to at least one expert (14). An expert answer, based on the end user request is transmitted to an end user (15). The request and the answer are stored in a database (11A). The end user is compensated when a subsequent end user requests and receives the solution to the request (20).

WO 01/20518 A1

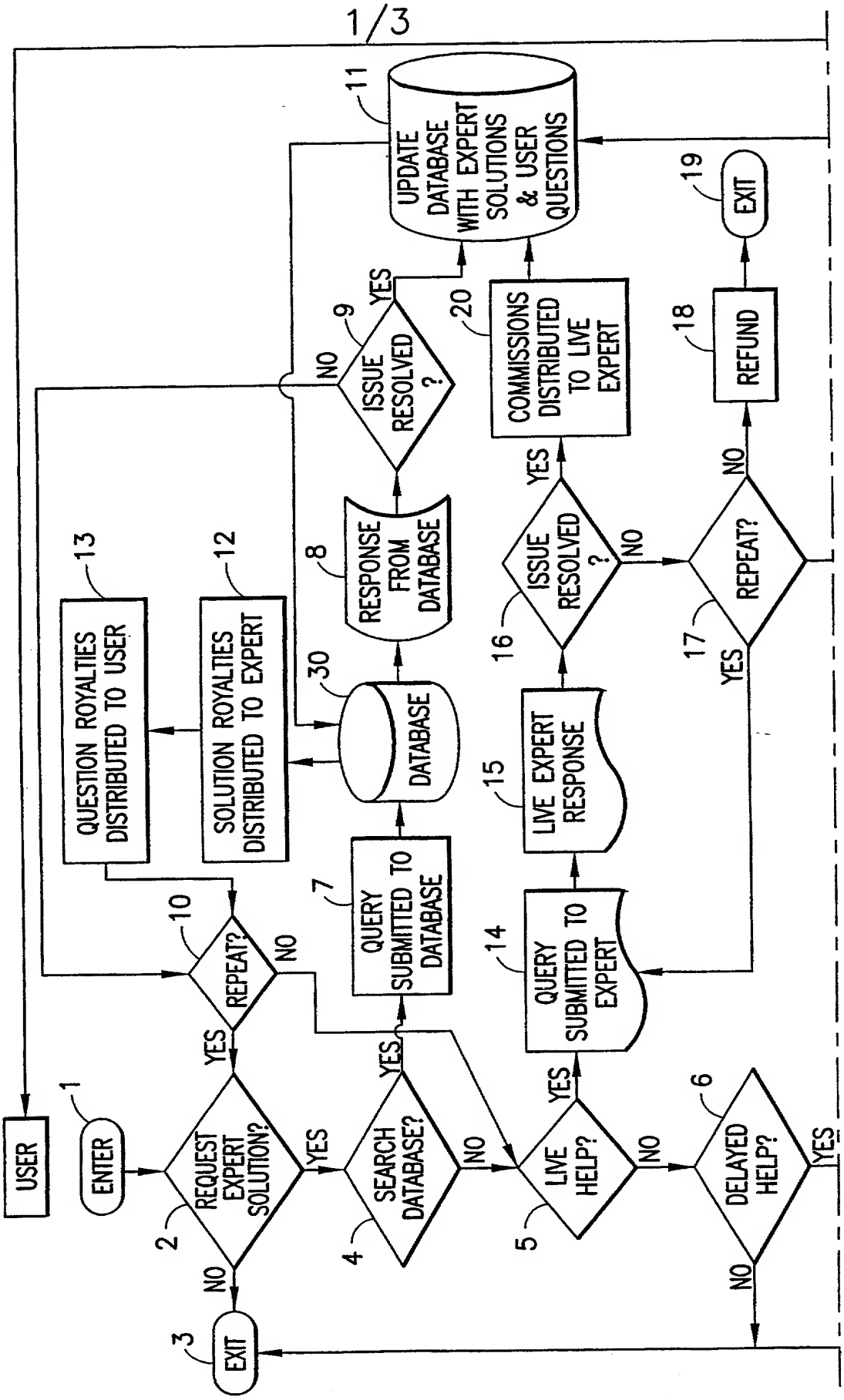


FIG.1A

FIG.1

FIG.1A
FIG.1B

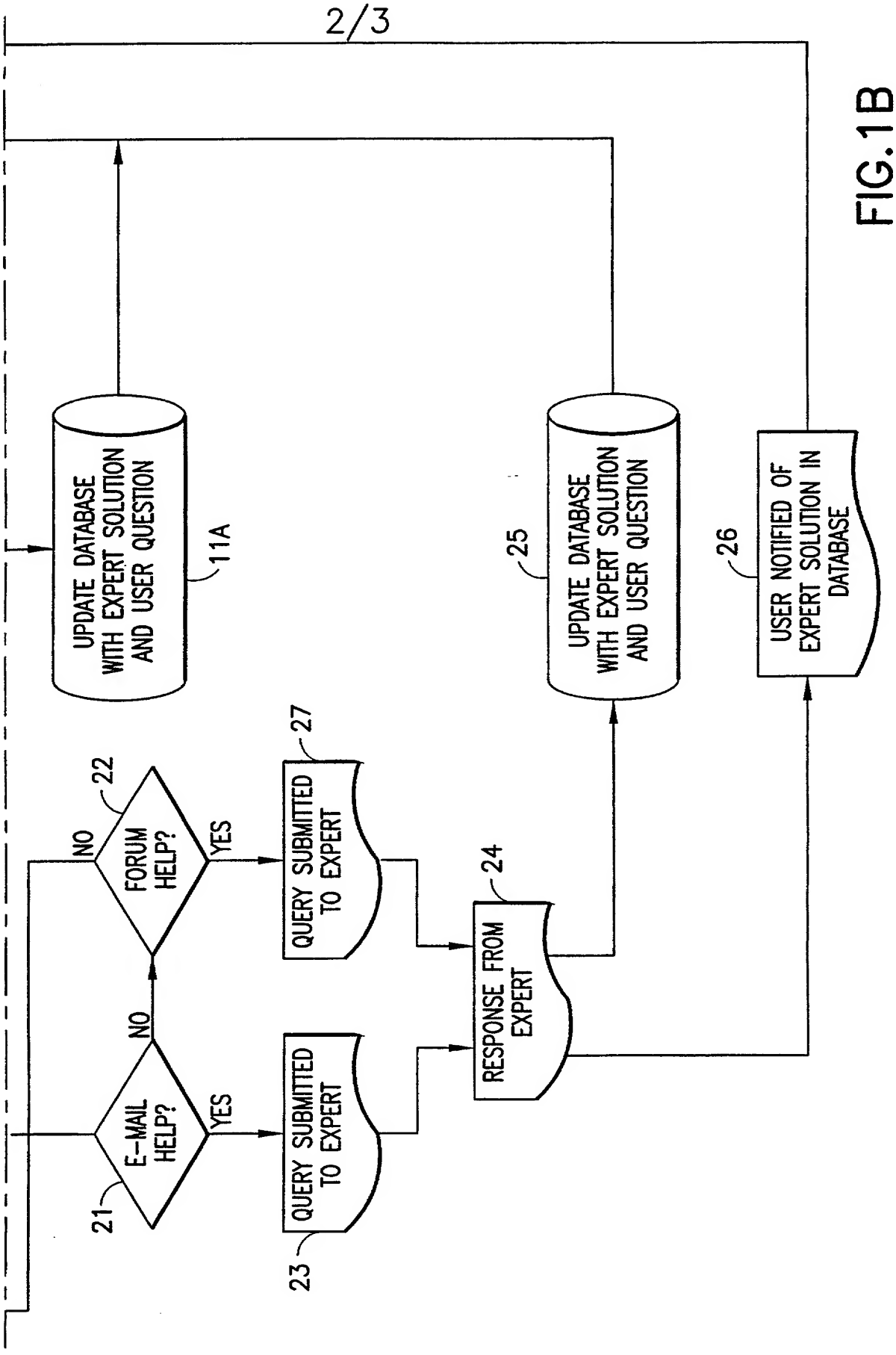

UPDATE DATABASE WITH EXPERT SOLUTION AND USER QUESTION
11A
25
UPDATE DATABASE WITH EXPERT SOLUTION AND USER QUESTION
26
USER NOTIFIED OF EXPERT SOLUTION IN DATABASE
22
FORUM HELP?
NO
YES
27
QUERY SUBMITTED TO EXPERT
24
RESPONSE FROM EXPERT
NO
E-MAIL HELP?
YES
21
QUERY SUBMITTED TO EXPERT
23

FIG.1B

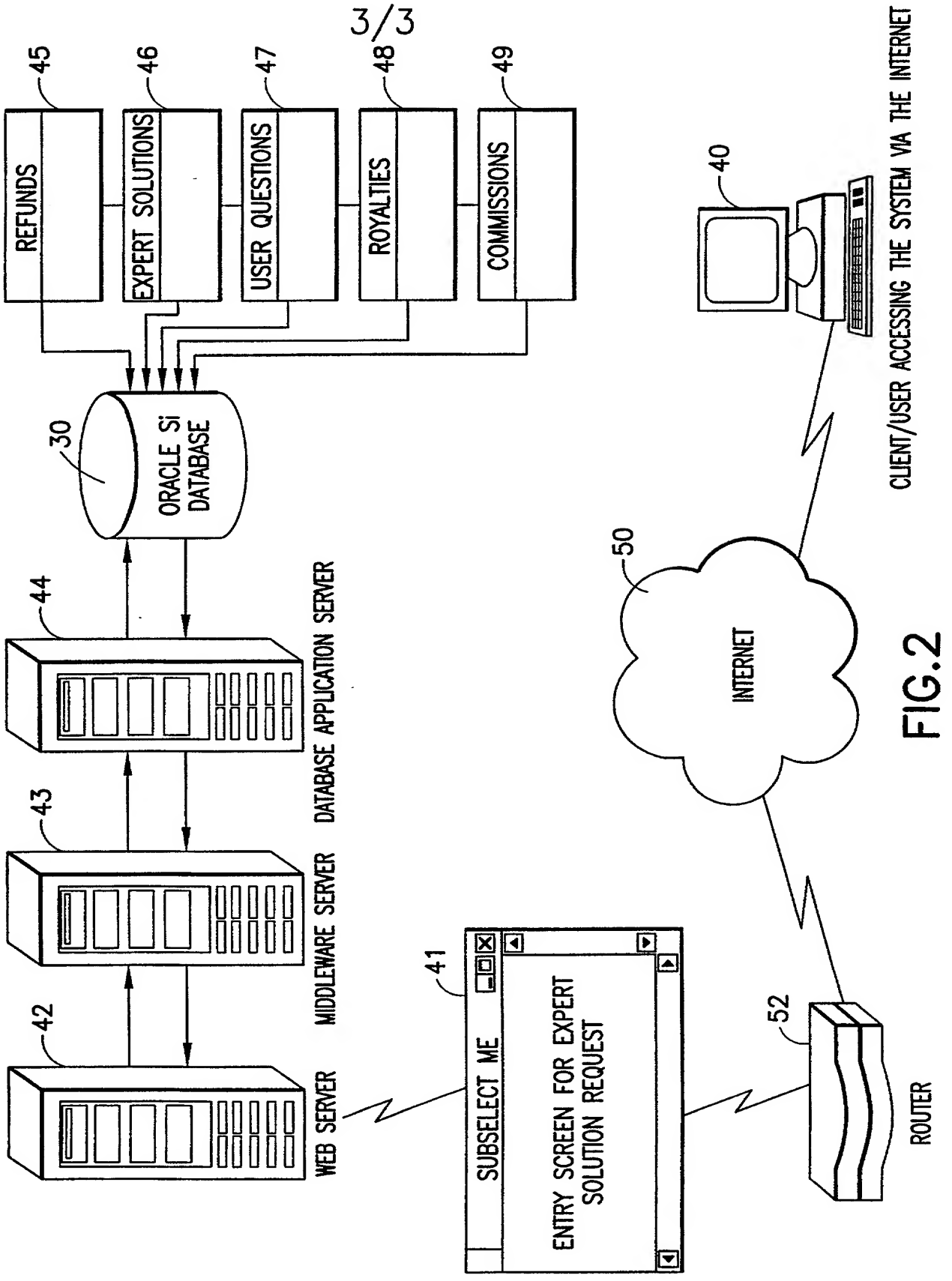

45
46
47
48
49
REFUNDS
EXPERT SOLUTIONS
USER QUESTIONS
ROYALTIES
COMMISSIONS
30
ORACLE 8i DATABASE
44
DATABASE APPLICATION SERVER
43
MIDDLEWARE SERVER
42
WEB SERVER
41
SUBSELECT ME
ENTRY SCREEN FOR EXPERT SOLUTION REQUEST
52
ROUTER
50
INTERNET
40
CLIENT/USER ACCESSING THE SYSTEM VIA THE INTERNET

FIG.2

Please type a plus sign (+) inside this box → [+]

PTO/SB/81 (02-01)
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Application Number	
Filing Date	
First Named Inventor	Sohel TAUFIQUE
Title	
Group Art Unit	
Examiner Name	
Attorney Docket Number	716P008924-US(PAR)

I hereby appoint:

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OR

☒ Practitioner(s) named below:

Name	Registration Number
DAVID AKER	29,277

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I am the:

☒ Applicant/Inventor.

☐ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name	Sohel Taufique
Signature	X
Date	X 3/11/02

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of ____ forms are submitted.

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

☑ Declaration Submitted with Initial Filing OR ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number	716 P008924-US(PAR)
First Named Inventor	Sohel TAUFIQUE
COMPLETE IF KNOWN	
Application Number	
Filing Date	
Art Unit	
Examiner Name	

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled.

KNOWLEDGE DATABASE SYSTEM AND METHOD

(Title of the Invention)

the specification of which

☐ is attached hereto

OR

☑ was filed on (MM/DD/YYYY) 09/13/2000 as United States Application Number or PCT International

Application Number PCT/US00/25015 and was amended on (MM/DD/YYYY) _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES	Certified Copy Attached? NO
60/153,565 Under 35 U.S.C. 119(e)	US	09/13/1999	☐	☐	☑
			☐	☐	☐
			☐	☐	☐
			☐	☐	☐

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

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DECLARATION — Utility or Design Patent Application

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DAVID AKER
Name

Address 23 SOUTHERN ROAD

City	State	ZIP
HARTSDALE	NEW YORK	10530

Country	Telephone	Fax
US	914 674-1094	914 674-1094

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))	Family Name or Surname
Sohel	TAUFIQUE

Inventor's Signature X [signature] Date X 3/11/02

Residence: City	State	Country	Citizenship
Fort Lee NJ	New Jersey	US	US

Mailing Address 2077 Center Avenue Suite 10E

City	State	ZIP	Country
Fort Lee	New Jersey	07024	US

NAME OF SECOND INVENTOR: ☐ A petition has been filed for this unsigned inventor

Given Name (first and middle [if any])	Family Name or Surname

Inventor's Signature Date

Residence: City	State	Country	Citizenship

Mailing Address

City	State	ZIP	Country

☐ Additional inventors are being named on the ____supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.